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[54] **NON-ANTIBACTERIAL TETRACYCLINE COMPOSITIONS POSSESSING ANTIPLAQUE PROPERTIES**

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[58] **Field of Search** **514/152; 424/48-58**

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[57]

ABSTRACT

A method of inhibiting plaque formation on mammalian tooth surfaces is disclosed. The method includes contacting the tooth surfaces with an effective amount of a non-antibacterial tetracycline. In a preferred embodiment, such tetracyclines are included in various oral hygiene products such as dentifrices, lozenges, chewing gums and the like to contact the tooth surfaces and prevent plaque accumulation thereon.

11 Claims, 4 Drawing Sheets